

Navy Marine Corps Intranet



**NMCI Update Briefing
12 April 2001**

NMCI Software Application Management, PEO-IT

Agenda

- Background
- Contract: Approach and Contents
- Items of Interest
- Summary



Why NMCI?

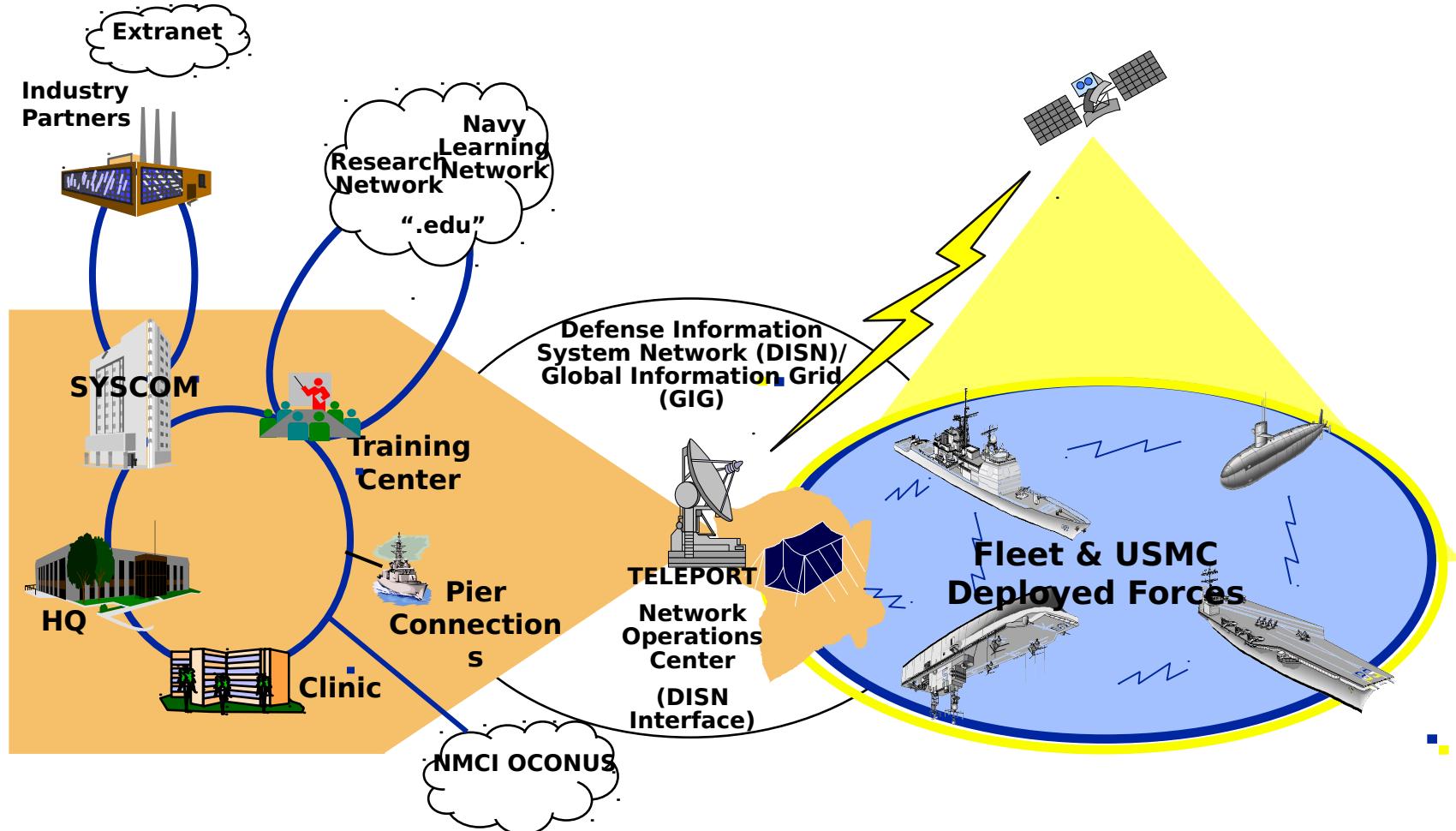
NMCI Vision

Building the modern Navy-Marine Corps on the transformational power of networking

- Repurposed network as a Navy-wide asset
- Bandwidth on-demand
- Extend sharing and creation of knowledge and expertise worldwide
- Technology to support innovative work and training
- Make life better for every Sailor, Marine and DON Civilian
- Transform DON to an e-Business model

Faster, better decision making

NMCI, IT21 & MCTDN



Desk top to desk top connectivity throughout the DON

Goals

- Improve Information Security
- Improve Interoperability
- Provide information technology services that enable information superiority and connectivity throughout the DON shore infrastructure
- Optimize cost/unit of service across the enterprise (Seat Cost / Service Level Index)

Enable increased speed of quality decisions



How We Did NMCI... the Contract

Contract Type

- Five year Firm Fixed Price FAR Part 12 commercial contract with three year option
- Contract incentives
 - Initial Operational Capability - Small business participation
 - Information Assurance- User satisfaction
- Offerors required to bid to standard set of industry “best practice” measures
- Offerors encouraged to bid alternate “Best Value”

Long-term service agreement with the commercial sector based upon a best practices commercial model

Buying a “Seat”



Standard Features

- Dual airbags
- Body side molding
- 5-mph bumpers
- AM/FM Stereo
- Manual Air Conditioning
- Power Brakes
- Rear Window Defroster
- Power Windows
- All Season Tires

Options

- Floor Mats
- 4-Wheel ABS
- Side impact airbags
- Power door locks



Standard Features

- Hardware
- Software
- File Share Services
- Maintenance
- Refreshment
- Administration
- Network Access
- Customer Support
- Relocation
- Training

Upgrades

- High end Upgrade
- Mission Critical Upgrade
- Classified Upgrade

Additional Services

- Data Warehouse
- Legacy Apps
- Sea/Shore Rotation
- OCONUS
- Retrain Civilian Personnel

Selected NMCI CLINs

CLIN	TITLE
0001AA	Fixed Workstation - Red Seat - \$2958.12 per year. Pentium III 800MHz Provides performance for use with 2-D and light 3-D graphics or engineering-related applications, applications that require additional processing capability.
0001AB	Fixed Workstation - White Seat - \$2863.68 per year. Pentium III 733MHz Ideal for the typical user of Microsoft Office Professional software.
0001AC	Fixed Workstation - Blue Seat - \$2788.08 per year. Celeron 566MHZ. Provides adequate performance for daily office productivity applications. Ideal for administrative functions.
0001AD	Fixed Workstation - Thin Client - \$2335.92 per year.
0002	Portable Seat - \$3699.00 per year. Dell Latitude C600. Provides excellent performance for office productivity software. Supports users needing remote access to NMCI. Makes high-quality presentations while on travel.

**Actual Hardware Changes with Market
NMCI Price Remains Fixed**

Services Included in Seat Costs

- Security Services (firewalls, intrusion detection, encryption)
- CAC/PKI Implementation
- Wide Area Network Access (DISN, Commercial WAN, internet)
- Infrastructure (voice, video, & data transport)
- Joint and Industry Network Interoperability
- Pier Services (connectivity, NOC/JFTOC interface)
- Enterprise Functions (Help Desk/Tech Support)
- Network Mgmt. Services
- Desktop Hardware (standard, high-end, and laptop)
- Desktop Software (standard software suite)
- Organizational Messaging (AUTODIN, DMS)
- Training
- Directory Services
- E-mail
- Remote Telephone Access
- Domain Name Service
- Help Desk/Tech Support
- LAN (building LANs)

Standard set of services provided for interoperability and security

Software

Services	Software Description	Vendor
Operating System	MS Windows 2000	Microsoft
Dial Up Networking	MS Dial Up Networking	Microsoft
Office Suite	MS Office Pro 2000	Microsoft
Email Client	MS Outlook 2000	Microsoft
Electronic Diary	MS Outlook 2000	Microsoft
Collaboration Tool	MS Netmeeting 2000	Microsoft
Internet Browser	MS Internet Explorer 5.0	Microsoft
Internet Browser	Netscape Communicator	Netscape
DB Runtime	Access 2000 Snapshot	Microsoft
Virus Protection	Inoculan AntiVirus V4.10	CA
Virus Protection	Inoculan AntiVirus Client Pack 10 User	CA
PDF Viewer	Acrobat Reader	Adobe
Terminal Emulator - Host (3270)	Reflections 7.0 NFS	WRQ
Compression Tool	NikoMak Winzip	NikoMak
WebControls	Java Update + VBScript 2.0	Microsoft
WebControls	MacroMedia Flash ActiveX V3.0	MacroMedia
WebControls	Director 7 Shockwave Internet Studio Single	MacroMedia
Scan Viewer	Visioneer Paperport Viewer	Visioneer
Media Player	Real Player G2	RealPlayer
VBRuntime	VB4, VB5 and VB6 Runtime	Microsoft
Dial Up Configuration	NMCI RAS Manager	Internal
Software Installer	NMCI Installer	Utility Internal
Version Checker	COE Version Tracker	Utility Internal

All Basic Software and Future Upgrades are included in NMCI



Items of Interest

NMCI Progress

- Contract award – 6 October 2000
- Achieved Assumption of Responsibility (AOR) at 29 sites, approaching 40,000 seats
- Small business – 55% of work to date
- Facilities
 - Construction started on San Diego and Norfolk Network Operations Centers
- Lessons Learned Conference 1 March
- Legacy Applications – Scope and Process Defined

NMCI Military Personnel

- 242 Navy & 251 USMC billets designated to support six Network Operations Centers (NOCs) in CONUS
- Assignment to NOCs allows DON to maintain sea/shore/embarked rotation for Sailors & Marines
- State of the art training and certifications to use

Win-win for DON and NMCI contractor

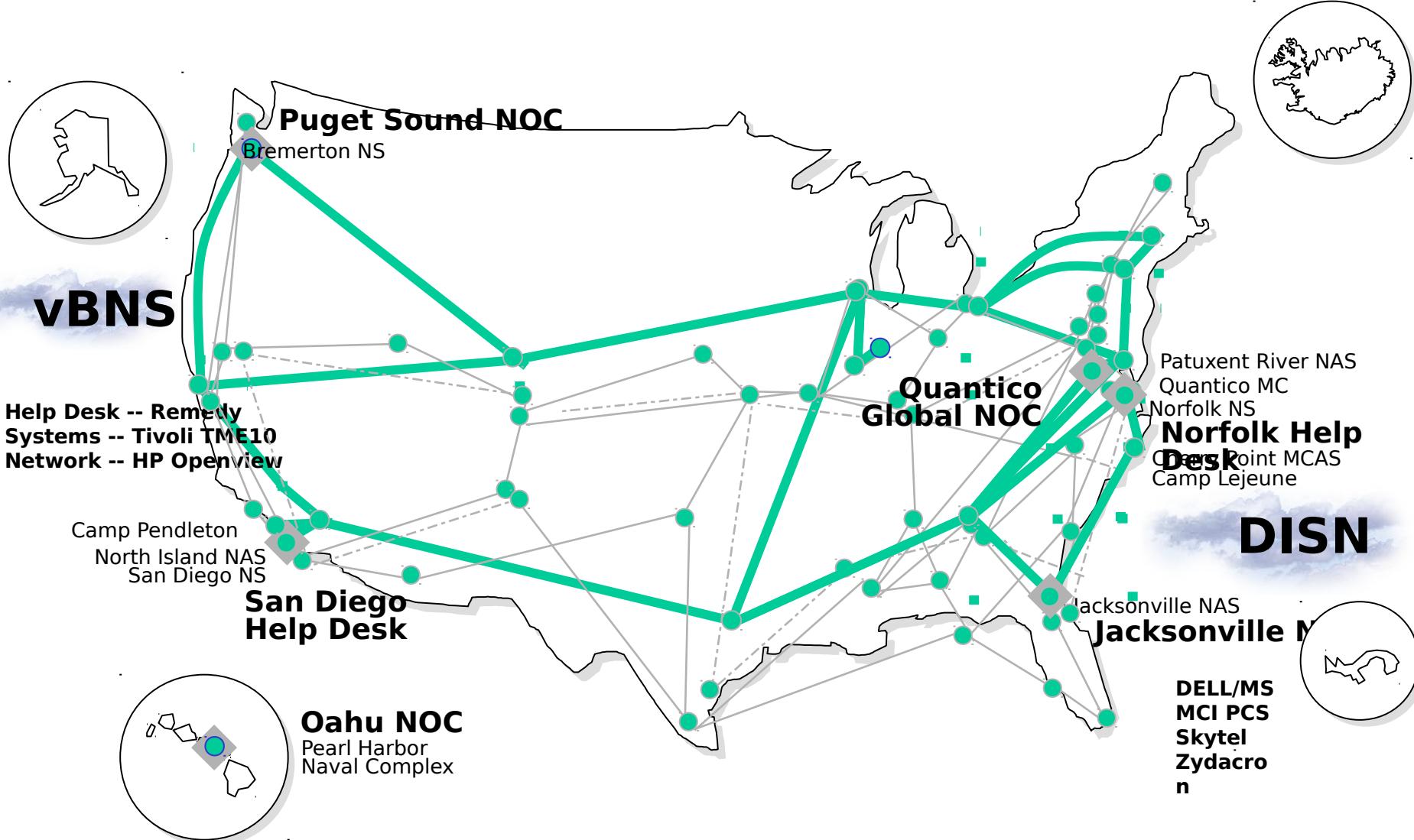
NMCI Civilian Personnel

- Claimants identify affected government employees
 - Provide affected employee list to EDS via PEO(IT)
 - Determine HR benefits to be offered
- EDS “first hire” policy for affected government employees
 - 15% increase in gross salary
 - 3% signing bonus
 - Guaranteed employment for three years
- Civilian personnel VTCs conducted monthly with claimants

NMCI Facilities

- GFF Requirement:
- One Global NOC: Location TBD
- Five Regional NOCs: Hawaii, San Diego, Puget Sound, Quantico, Norfolk, Jacksonville
- Two Help Desks : Norfolk, San Diego
- Server Farms : Sixty-six stand alone server farms
- Issue: Asbestos
- Impact: Recurring issue with potential financial and schedule impact
 - Gov't responsibility

Network Snap Shot



Lessons Learned Conference

Customer consensus on Lessons Learned:

(Briefings by EDS, PMO, NAVAIR, AAUSN, CPF, SPAWAR, and others)

- Plan well in advance of ISF team arrival
- Inventory and characterize legacy applications and deviations from Navy firewall policy
- Identify and document network circuits as well as software and licenses
- Establish claimancy-wide understanding of NMCI goals and processes
- Be prepared for arrival of ISF Site Transition Manager (STM), Site Delivery Manager (SDM), and Special Action Teams (SAT) on site four weeks prior to AOR
- Review and discuss claimant or site specific environment issues
- Identify shared infrastructure in the Site Coordination Memo (SCM)
- Review Assumption of Financial Responsibility (AOFR) checklist with the information Strike Force
- Keep Government IT workers in place post AOFR
- Anticipate and plan for activities such as construction or asbestos removal

Legacy Applications

- Legacy application “access” required after transition to NMCI
 - Contractual obligation
 - Significant variety and number of legacy applications required to be transitioned
 - Disciplined characterization, prioritization, rationalization and certification processes required
- Claimants identify and certify legacy applications that must transition to NMCI

Legacy Applications Access Solutions

- **Client Access solutions**
 - **Native:** Application runs in WIN 2K environment
 - **Emulation:** Provide emulation software or middleware package to support access
 - **Upgrade or Replace**
 - **Workaround:** Maintain application in current environment either in Kiosk or standalone PC, or retain two clients on desktop
- **Server Access solutions**
 - Operate within NMCI security environment
 - VPN
 - DMZ
 - Re-engineer the application

Legacy Applications: “Activities”

- Legacy Applications Navy Planning Group (DON CIO led)
 - Inventory
 - Catalog Management
 - Application Developers Guide
 - Architecture
 - Enterprise Rationalization Process
- DON Portal (in seat price)
- Task Force Web Initiative

Legacy Applications:Organization

- DON CIO
- Navy CIO
- USMC CIO
- CTF NMCI
- Task Force Web
- Portal Integration Office (DON CIO)
 - Knowledge Management, Portal Functions
- DON, Navy, USMC Functional Managers
- Rest of the DON!
- AND the Information Strike Force (ISF)

Summary

- Focuses DON on core missions
- Major Acquisition Reform initiative
- Performance based contract built around industry best practices
 - Built-in interoperability
 - Built-in security
- Rapidly achieves DON contribution to GIG
- Lots of external (other government) interest

NMCI Benefits Will be Achieved

Improved Security:

- Eliminates points of entry
- Supports multi-layered defense
- Fields PKI and smart card
- New tools for intrusion detection
- Independent validation
- Quantitative measures of effectiveness
- Incentives for improvement

Improved Quality of Service:

- SLAs embedded in contract with penalties and rewards
- End user satisfaction incentives
- Built in tech refresh
- 100Mbps to every desktop
- 99.9% availability

Improved Management Oversight:

- Visibility of true cost of IT
- Best value
- On-line metrics

Economies of Scale:

- Savings in cost/unit of service support adding 54,000 more users
- High performance network supports thin client, remote server farms, regional and global NOCs
- Commonality reduces CM and maintenance cost
- Centralized help desk
- Enterprise software licenses
- Network in place to support new applications
- Trend monitoring prevents 60% of downtime events

Personnel Efficiencies:

- Same look and feel across enterprise - reduces training
- High quality VTCs reduce time lost in travel
- Talent focused on core mission

Secure ...Interoperable...Best Cost/Unit of Service



Questions and Answers

1st Increment AOR Claimants - 4

APR01

CLAIMANT SITES	Original AOR Date	Projected AOR date	Actual AOR Date	STATUS
NAVAIR				
NAS Pax River	15-Dec-00	12-Jan-01	12-Jan-01	COMPLETED
NAWCWD China Lake	15-Jan-01	16-Jan-01	16-Jan-01	COMPLETED
NAWCWD Point Mugu	15-Jan-01	16-Jan-01	16-Jan-01	COMPLETED
NAWC-TSD Orlando	15-Jan-01	16-Jan-01	16-Jan-01	COMPLETED
NAEC Lakehurst	01-Feb-01	01-Feb-01	01-Feb-01	COMPLETED
NAWCWD White Sands	01-Mar-01	01-Mar-01	01-Mar-01	COMPLETED
NATEC North Island	01-Mar-01	02-Apr-01	02-Apr-01	COMPLETED
RESFOR				
NAF Washington	15-Dec-00	03-Jan-01	03-Jan-01	COMPLETED
NARC Lemoore	15-Jan-01	02-Feb-01	05-Feb-01	COMPLETED
VFC13 Fallon	15-Jan-01	02-Feb-01	05-Feb-01	COMPLETED
NAS Atlanta	01-Mar-01	09-Mar-01	09-Mar-01	COMPLETED
REDCOM South HQ	01-Mar-01	21-Mar-01	23-Mar-01	COMPLETED
N&MCRC Dallas/FT Worth	01-Mar-01	21-Mar-01	23-Mar-01	COMPLETED
N&MCRC Waco TX	02-Apr-01	02-Apr-01	02-Apr-01	COMPLETED
N&MCRC Shreveport (Bossier city) LA	02-Apr-01	02-Apr-01	02-Apr-01	COMPLETED
N&MCRC Austin TX	03-Apr-01	03-Apr-01		ON TRACK
N&MCRC Little Rock AR	03-Apr-01	03-Apr-01		ON TRACK
N&MCRC San Antonio TX	05-Apr-01	05-Apr-01		ON TRACK
N&MCRC Tulsa (Broken Arrow) OK	05-Apr-01	05-Apr-01		ON TRACK
NRC Harlingen	06-Apr-01	06-Apr-01		ON TRACK
NRC Oklahoma City	06-Apr-01	06-Apr-01		ON TRACK

1st Increment AOR Claimants - 4

APR01

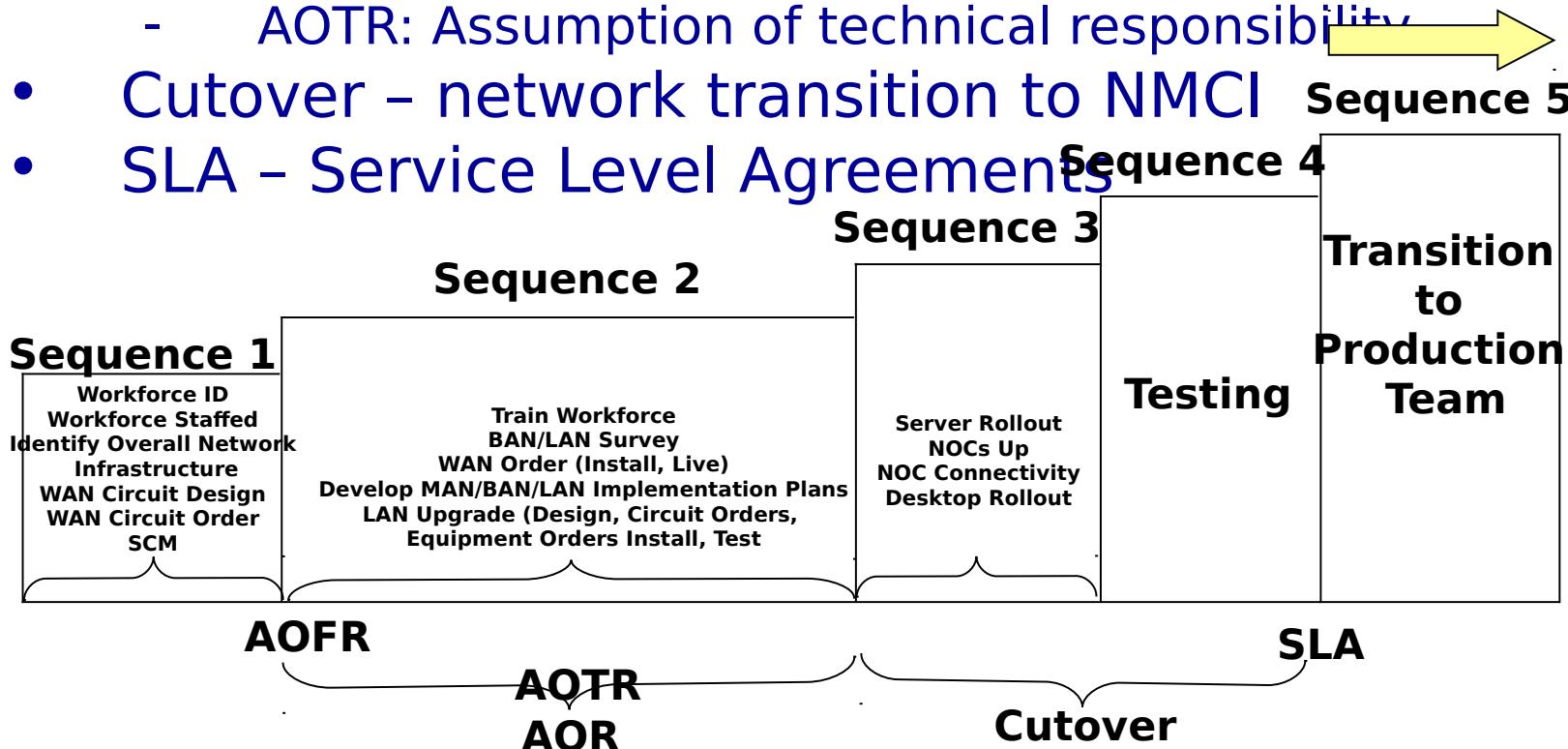
CLAIMANT SITES	Original AOR Date	Projected AOR date	Actual AOR Date	STATUS
CINCLANTFLT				
CLF HQ & Admiral's Row	31-Mar-01	01-Mar-01	01-Mar-01	COMPLETED
SPAWAR				
HQ & SSC San Diego	01-Feb-01	01-Feb-01	01-Feb-01	COMPLETED
SSC Chesapeake DET	01-Feb-01	01-Feb-01	01-Feb-01	COMPLETED
NCR (CPK5, NRO Chantilly, NRL Anacostia)	01-Feb-01	01-Feb-01	01-Feb-01	COMPLETED
CINCPACFLT				
NAS Fallon	15-Jan-01	02-Feb-01	05-Feb-01	COMPLETED
NAS Lemoore	15-Jan-01	02-Feb-01	05-Feb-01	COMPLETED
NBVC (NAS PM/PH)	01-Apr-01	01-May-01		ON TRACK

01

CLAIMANT SITES	Original AOR Date	Projected AOR date	Actual AOR Date	STATUS
AAUSN/CNO				
DONINPO/DNHN				
Rosslyn, Russell & Rayburn Bldgs	01-Dec-00	01-Mar-01	01-Mar-01	COMPLETED
AAUSN-Navy Audit				
WNY, Washington DC	01-Dec-00	01-Mar-01	01-Mar-01	COMPLETED
San Diego, VA Beach				TBD
AAUSN-NFMC				Orders To Be Rescheduled
AAUSN-NCPB				
CNO (NDW)				
WNY, NAC, NAF, NAVOBSY, Anacostia, Solomon's Island	01-Feb-01	01-Mar-01	01-Mar-01	COMPLETED
CNO (NHC)				
WNY, Washington DC	01-Feb-01	01-Mar-01	01-Mar-01	COMPLETED
Boston MA, &Virginia Bch VA				TBD
CNO (FSA)				
Washington DC	01-Feb-01	15-Mar-01	15-Mar-01	COMPLETED
CNO (NSAWC)				
Fallon	02-Apr-01	02-Apr-01	02-Apr-01	COMPLETED
CNO (NCTSI)				
San Diego	01-Feb-01	01-Mar-01	01-Mar-01	COMPLETED
Norfolk Detachment				TBD
NCTS Washington	16-Apr-01	16-Apr-01		ON TRACK
NAVSEA				
Crane IN	01-Feb-01	28-Feb-01	23-Feb-01	COMPLETED
includes Fallbrook & Hawthorne	01-Feb-01	28-Feb-01	23-Feb-01	COMPLETED
Port Hueneme CA	01-Feb-01	22-Feb-01	21-Feb-01	COMPLETED
incl San Diego, Louisville KY	01-Feb-01	22-Feb-01	21-Feb-01	COMPLETED
Tucson & Dam Neck	01-Feb-01	22-Feb-01	21-Feb-01	COMPLETED

Generic Delivery Schedule

- Task Order initiates sequence 1
- SCM - Site Concurrence Memorandum
- AOR - Contractor Assumption of Responsibility
 - AOFR: Assumption of financial responsibility
 - AOTR: Assumption of technical responsibility
- Cutover – network transition to NMCI **Sequence 5**
- SLA – Service Level Agreements **Sequence 4**



2001 Program Milestones

	FY 2001												FY 2002			
	QTR 2			QTR 3			QTR 4			QTR 1						
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOC	DEC				
Enterprise Operations																
Norfolk and San Diego NOCs Operational																
Norfolk and San Diego Help Desks Operational																
Test and Evaluation Sites AOR & Cutover																
Business Case Analysis Sites AOR & Cutover																
Other First Increment Site AOR & Cutover																
Contractor T&E																
CT&E 1 =Laboratory tests																
CT&E 2 =System build up																
CT&E 3 =Mission testing																
In Progress Review																
Operational Test and Evaluation																
Will begin after CT&E 3 completion																

◆ AOR

□ Cutover to NMCI